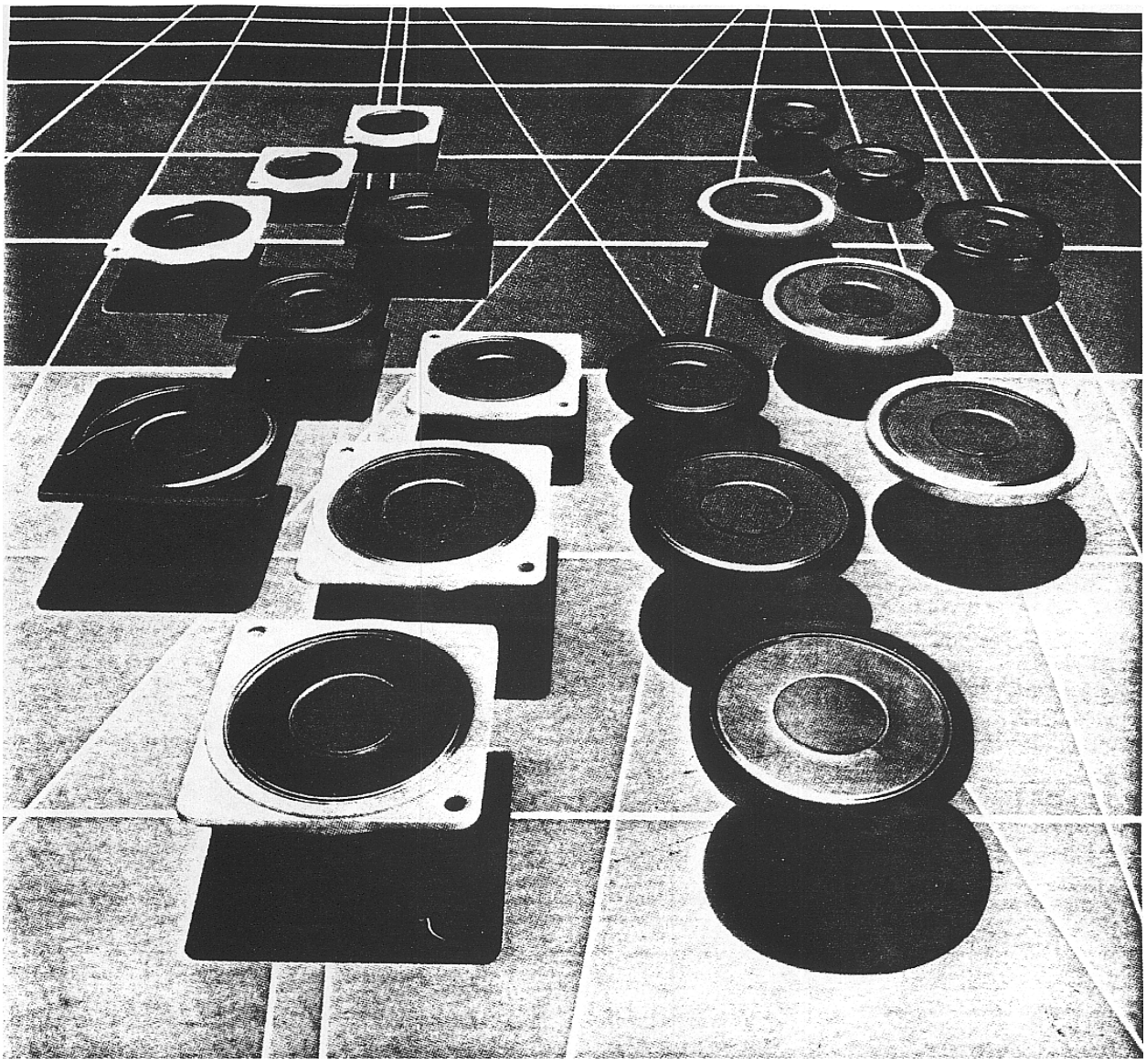
Jameco Part number 34024

TS SERIES FLAT MAGNETIC SPEAKERS

FOR VOICE MUSIC AND ALARM FUNCTIONS



These extremely thin speakers, only 4 mm in depth, are designed to produce a clear and natural sound. A STAINLESS STEEL diaphragm and PBT frame make this speaker environmentally adaptable. The series features a wide frequency response and covers a broad range of O.E.M. applications.

ELECTRONICS

Jameco Part number 34024

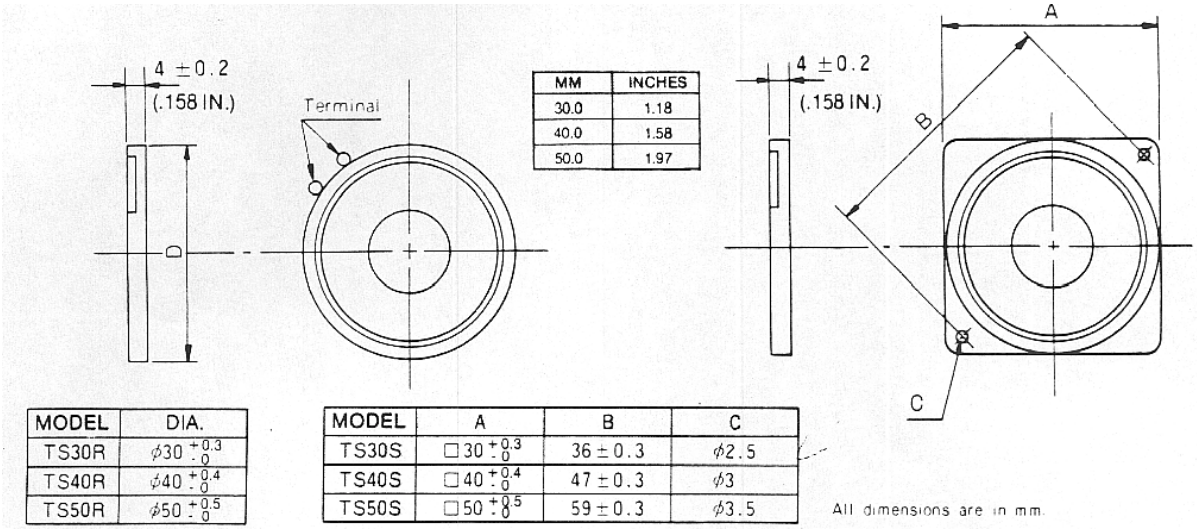
Features

- Flat and slim construction, only 4mm thick for all sizes
- Factory made Ferrite magnet employed
- Frequency response suitable for synthesized speech and music
- Other impedances up to 600 Ohms available on special order
- Natural sounding output
- Applicable to a broad range of environmental conditions
- Light in weight

Applications

- Household electric appliances, computers, office equipment, automated machinery, automotive circuits for speech, music or alarm applications
- Telephones, transceivers, interphones, car telephones, etc.
- Remote control for telephone answering devices
- Alarm systems
- Music box, toys, etc.
- Wide variety of products

Round **Shape and Dimensions** **Square**



MM	INCHES
30.0	1.18
40.0	1.58
50.0	1.97

MODEL	DIA.
TS30R	$\phi 30^{+0.3}_{0}$
TS40R	$\phi 40^{+0.4}_{0}$
TS50R	$\phi 50^{+0.5}_{0}$

MODEL	A	B	C
TS30S	$\square 30^{+0.3}_{0}$	36 ± 0.3	$\phi 2.5$
TS40S	$\square 40^{+0.4}_{0}$	47 ± 0.3	$\phi 3$
TS50S	$\square 50^{+0.5}_{0}$	59 ± 0.3	$\phi 3.5$

All dimensions are in mm.

Specifications

Frame	PBT Polybutylene terephthalate		
Diaphragm	Stainless steel		
Magnet	Ferrite bonded magnet		
Nominal Impedance at 1 KHz	Standard: 8 OHMS	Other impedances up to 600 ohms available on Special Order	
Rated Input		0.4W	
Max. Input		0.8W	
Output SPL & Frequency Response (Unloaded, sine wave, 0.4W, 10cm)	1.3KHz ~ 8KHZ / 70dB	600Hz ~ 6KHZ / 70dB	500Hz ~ 7KHZ / 70dB
Distortion	10% max. / 4KHz	10% max. / 3KHz	10% max. / 2KHz
Operating Temperature		- 20°C ~ + 55°C	
Storage Temperature		- 40°C ~ + 80°C	
Humidity		90%RH 40°C	